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ABSTRACT

Designed for education leaders who seek to apply multimedia technology in schools, this guide addresses not only hardware and software matters, but also a wide range of related issues that schools face. Various facets of the topic are addressed in 12 papers presented under 8 broad headings: (1) Multimedia Technology (Racquel Skolnik and R. G. Kanning); (2) Applications of Multimedia in Education (Ann E. Barron); (3) Theories of Multimedia and Learning--What Multimedia Might Do...and What We Know about What It Does (D. Michael Moore, Robert J. Myers, and John K. Burton), and Multiple Technologies for Multiple Intelligences (Dee Dickinson); (4) Making the Most of Multimedia (Chris Dede); (5) Staff Development for Multimedia--Coping with Complexity (Elizabeth A. Carlson); (6) Planning Facilities That Accommodate Multimedia Technology (Dan Cincoski); (7) Copyright and Multimedia. A Matter of Respect--Copyright Law and New Technologies (Ivan R. Bender), Warning--Protected by Copyright (Kevin Bushweller), and Suggestions for Multimedia Educators (Janis H. Bruwelheide); (8) Case Studies of Multimedia in Schools. Creating Multimedia, Multimedia Authoring Centers, Networking Multimedia, and Special Applications. Also provided are a glossary of computer and multimedia terms; lists of relevant national and regional organizations; education/technology periodicals; general press publications; books and multimedia; directories; and additional sources of information and assistance. Two appendices present an article, "A Remedy to the 'How Much and How Long' Questions" (Tim O. Peterson) and a brief guide to caring for videodiscs and compact discs. (BBM)